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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
390.00

Complete if Known

Application Number 10/037,870  
Filing Date 10/22/01  
First Named Inventor Richard W.D. Booth  
Examiner Name Cicely Q. Ware  
Art Unit 2634  
Attorney Docket No. 034942-258

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) :

☒ Deposit Account Deposit Account Number: 50-1698 Deposit Account Name: THELEN REID & PRIEST, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

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## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 30 (including Reissues)

Multiple dependent claims

Total Claims 26 Extra Claims -20 or HP= 6 Fee(\$)  
25 = 150

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims 6 Extra Claims -3 or HP= 3 Fee(\$)  
100 = 300

HP = highest number of independent claims paid for, if greater than 3.

#### Small Entity

Fee (\$)  
50  
200  
360

Fee (\$)  
25  
100  
180

#### Multiple Dependent Claims

Fee (\$)  
Fee Paid (\$)

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)  
Fee Paid (\$)

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : code 2251 - Extension for response within first month \$60

Supplemental Information Disclosure Statement, PTO Form 449 and 22 Cited References \$180...

## SUBMITTED BY

Signature William E. Winters Registration No. 42,232 Telephone 408-292-5800  
Name (Print/Type) William E. Winters Date March 17, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

The PRO SEER RECEIVED the following listed item(s) Received Two check one for \$ 330.00 and \$ 60.00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Booth et al.  
SERIAL NO.: 10/037,870  
FILING DATE: October 22, 2001  
TITLE: REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN  
COMMUNICATIONS SIGNALS  
EXAMINER: Cicely Q. Ware  
ART UNIT: 2634

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class  
Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450  
printed below:

Date: Mar 17, 2005 Name: Helen A. Jackson  
Helen A. Jackson

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

03/22/2005 YPOLITE1 00000073 501698 10037870

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This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

## I

This statement is filed pursuant to:

( ) C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; (3) before the mailing date of a first office action on the merits, or (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

( X ) 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) (\$180); or a certification according to 37 C.F.R. § 1.97 (e).

( ) 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180), and a certification according to 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

## II

- ( ) No fee is due.
- ( X) The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).

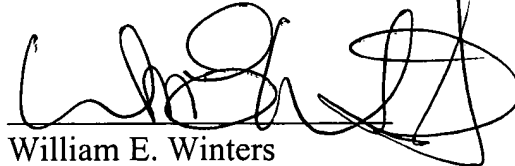
Please charge any underpayment or credit any overpayment of fees to deposit account number 50-1698. An additional copy of this page is enclosed.

## III

Pursuant to 37 C.F.R. § 1.97(e) , I certify:

- ( ) No certification is necessary.
- ( ) (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- ( ) (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

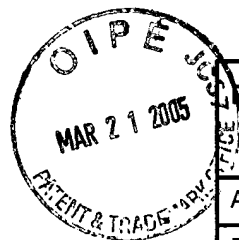
Respectfully submitted,  
THELEN REID & PRIEST LLP

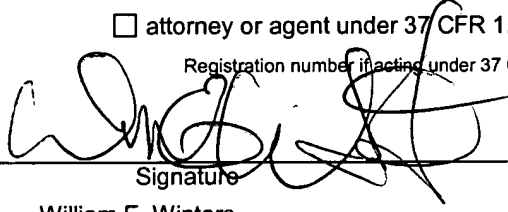


William E. Winters  
Reg. No. 42,232

Dated: March 17, 2005

THELEN REID & PRIEST LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
(408) 292-5800



<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> <b>FY 2005</b> <i>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)</i>		Docket Number (Optional) 034942-258																		
Application Number 10/037,870		Filed 10/22/01																		
For <b>REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS</b>																				
Art Unit 2634		Examiner																		
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table border="1"><thead><tr><th></th><th>Fee</th><th>Small Entity Fee</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td>\$120</td><td>\$60 \$60</td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td>\$450</td><td>\$225 \$</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td>\$1020</td><td>\$510 \$</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td>\$1590</td><td>\$795 \$</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td>\$2160</td><td>\$1080 \$</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input checked="" type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>50-1698</u> . I have enclosed a duplicate copy of this sheet.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>I am the <input type="checkbox"/> applicant/inventor. <input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). <input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>42,232</u> <input type="checkbox"/> attorney or agent under 37 CFR 1.34. Registration number infacting under 37 CFR 1.34. _____</p> <div><div> Signature William E. Winters Typed or printed name</div><div><div>March 17, 2005 Date 408-292-5800 Telephone Number</div></div></div> <p>NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.</p> <p><input type="checkbox"/> Total of _____ forms are submitted.</p>				Fee	Small Entity Fee	<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60 \$60	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225 \$	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510 \$	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795 \$	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080 \$
	Fee	Small Entity Fee																		
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60 \$60																		
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225 \$																		
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510 \$																		
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795 \$																		
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080 \$																		

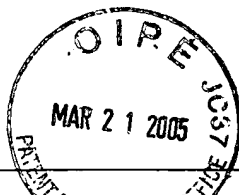
This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Form PTO 1449 (Rev. 2-32)				U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 034942-258		Serial No. 10/037,870	
<b>Supplemental Information Disclosure Statement by Applicant</b>						Applicant: Booth et al.			
(Use several sheets if necessary)						Filed: October 22, 2001		Group: 2634	
<b>U.S. Patent Documents</b>									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
	A	4,410,955	10-18-93	Burke et al.					
	B	5,287,387	02-15-94	Birchler					
	C	5,300,894	04-05-94	Myer et al.					
	D	5,302,914	04-12-94	Arntz et al.					
	E	5,349,300	09-20-94	Matz et al.					
	F	5,381,449	01-10-95	Jasper et al.					
	G	5,384,547	01-24-95	Lynk, Jr. et al.					
	H	5,493,587	02-20-96	Sandri et al.					
	I	5,621,762	04-15-97	Miller et al.					
	J	5,696,794	12-09-97	O'Dea					
	K	5,835,536	11-10-98	May et al.					
	L	5,835,816	11-10-98	Sawada et al.					
	M	5,838,724	11-17-98	Cole et al.					
	N	5,930,299	07-27-99	Vannatta et al.					
	O	6,097,252	08-01-00	Sigmon et al.					
	P	6,104,761	08-15-00	McCallister et al.					
	Q	6,125,103	09-26-00	Bäumel et al.					
	R	6,128,350	10-03-00	Shastri et al.					
	S	6,128,351	10-03-00	Jones et al.					
	T	6,147,984	11-14-00	McCoy					
	U	6,175,551 B1	01-11-01	Awaterr et al.					
	V	5,727,026	03-10-98	Beukema					
<b>Foreign Documents</b>									
								Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No	
<b>Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)</b>									
Examiner					Date Considered				
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.									